

Notice for CATV Installers

The servicing instructions in this notice are for use by qualified service personnel only. To reduce risk of electric shock, do not perform any servicing other than that contained in the operating instructions, unless you are qualified to do so.

Note to System Installer (U.S.A. and Canada Only)

This reminder is provided to call the system installer's attention to Article 800-93 and Article 800-100 of the NEC (Canadian Electrical Code Part 1), that provide guidelines for proper grounding and, in particular, specify that the metallic sheath of communications cables shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



This symbol is intended to alert you that uninsulated voltage within this product may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this product.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS

RISQUE DE CHOC ÉLECTRIQUE
NE PAS OUVRIR



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

WARNING

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



This symbol is intended to alert you of the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

Ce symbole a pour but de vous avertir qu'une documentation importante sur le fonctionnement et l'entretien accompagne ce produit.

20060615SIFR

IMPORTANT SAFETY INSTRUCTIONS

- Read These Instructions
- Keep These Instructions
- Heed All Warnings
- Follow All Instructions

Grounding This Product (U.S.A. and Canada Only)



WARNING: Avoid electric shock and fire hazard. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Verifying the Power Source from the On/Off Power/Status Light

When the on/off power/status light is not illuminated, the apparatus may still be connected to the power source. The light goes out when the apparatus is turned off, regardless of whether it is still plugged into an AC power source. Always disconnect the power source when moving the apparatus or when connecting or disconnecting cables.



WARNING: Avoid electric shock and fire hazard! Do not overload mains AC outlets and extension cords. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.

Preventing Power Cord Damage

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

U.S. Patents

A patent notice is affixed to this product. In addition, this product could be covered by one or more of the following patents.

4,498,169; 4,636,852; 4,641,181; 4,651,208; 4,691,353; 4,692,919; 4,698,598; 4,719,642; 4,748,667; 4,829,569; 4,866,770; 4,885,775; 4,888,799; 4,890,319; 4,922,456; 4,922,532; 4,924,498; 4,965,534; 4,991,011; 5,003,384; 5,012,510; 5,029,207; 5,045,816; 5,053,883; 5,054,071; 5,058,160; 5,142,575; 5,142,690; 5,146,526; 5,155,590; 5,214,390; 5,225,902; 5,225,925; 5,235,619; 5,237,610; 5,239,540; 5,241,610; 5,247,364; 5,255,086; 5,257,403; 5,267,071; 5,270,809; 5,271,041; 5,272,752; 5,282,028; 5,285,497; 5,287,351; 5,301,028; 5,309,514; 5,317,391; 5,319,709; 5,341,425; 5,347,389; 5,347,389; 5,357,276; 5,359,601; 5,361,156; 5,367,571; 5,379,141; 5,379,145; 5,381,481; 5,390,337; 5,400,401; 5,406,558; 5,418,762; 5,420,866; 5,420,923; 5,425,101; 5,428,404; 5,430,568; 5,434,610; 5,436,749; 5,438,370; 5,440,632; 5,442,472; 5,455,570; 5,457,701; 5,471,492; 5,477,199; 5,477,262; 5,477,370; 5,481,389; 5,481,542; 5,485,221; 5,493,339; 5,497,187; 5,500,758; 5,502,499; 5,506,066; 5,519,780; 5,539,822; 5,550,825; 5,579,055; 5,579,057; 5,583,562; 5,592,551; 5,596,606; 5,600,378; 5,602,933; 5,640,388; 5,657,414; 5,675,575; 5,684,876; 5,715,515; 5,724,525; 5,740,300; 5,742,677; 5,754,940; 5,757,416; 5,771,064; 5,774,859; 5,825,829; 5,826,167; 5,850,305; 5,854,703; 5,870,474; 5,892,607; 5,920,626; 5,923,755; 5,930,024; 5,930,515; 5,937,067; 5,963,352; 5,966,163; 5,962,424; 5,991,139; 5,999,207; 6,005,631; 6,005,938; 6,016,163; 6,028,941; 6,029,046; 6,052,384; 6,055,244; 6,072,532; 6,105,134; 6,148,039; 6,157,719; 6,188,729; 6,195,389; 6,212,278; 6,215,631; 6,219,358; 6,240,103; 6,243,145; 6,246,767; 6,252,964; 6,272,226; 6,292,081; 6,292,568; 6,320,131; 6,374,275; 6,405,239; 6,411,602; 6,417,949; 6,424,714; 6,424,717; 6,433,906; 6,438,139; 6,463,586; 6,467,091; 6,476,878; 6,493,876; 6,510,519; 6,516,002; 6,516,412; 6,526,508; 6,538,595; 6,546,013; 6,560,340; 6,567,118; 6,570,888; 6,622,308; 6,629,227; 6,664,984; 6,667,994; 6,671,879; 6,674,967; 6,678,891; 6,714,598; 6,721,352; 6,721,956; 6,725,459; 6,738,982; 6,744,892; 6,744,967; 6,751,271; 6,760,918; 6,795,972; 6,802,077; 6,804,708; 6,811,447; 6,817,028; 6,822,972; 6,823,385; 6,832,386; 6,845,106; 6,868,473; 6,874,075; 6,889,191; 6,909,471; 6,917,622; 6,917,628; 6,922,412; 6,927,806; 6,928,656; 6,931,058; 6,937,729; 6,969,279; 6,971,008; 6,971,121; 6,978,310; D348065; D354959; D359737; D363932; D390217; D434753; D507240; D507535; RE36368; RE36988

Compliance Information

United States FCC Compliance

This equipment has been tested and found to comply with the applicable limits of Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or TV reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate receiving antenna, if applicable
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult your service provider or an experienced radio/TV technician for help

Any changes or modifications not expressly approved by Scientific-Atlanta could void the user's authority to operate the equipment.

Important: The information shown in the FCC Declaration of Conformity paragraph below is a requirement of the FCC and is intended to supply you with information regarding the FCC approval of this device. *The phone numbers listed are for FCC-related questions only and not intended for questions regarding the connection or operation for this device. Please contact your service provider for any questions you may have regarding the operation or installation of this device.*

FCC Declaration of Conformity

This device complies with *Part 15 of the FCC Rules*. Operation is subject to the following two conditions:
1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Explorer® 940 Digital Home Communications Terminal
Model 940
Manufactured by:
Scientific-Atlanta, Inc.
5030 Sugarloaf Parkway,
Lawrenceville, Georgia 30044; USA
Telephone 770-236-1077

Canada EMI Regulation

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme NMB-003 du Canada.

20060607FDC

Disclaimer

Scientific-Atlanta, Inc. assumes no responsibility for errors or omissions that may appear in this guide. Scientific-Atlanta reserves the right to change this guide at any time without notice.

**Scientific
Atlanta**

A CISCO COMPANY

Scientific Atlanta, A Cisco Company
5030 Sugarloaf Parkway, Box 465447,
Lawrenceville, GA 30042

770.236.5000
www.scientificatlanta.com

Scientific Atlanta is a registered trademark of Scientific-Atlanta, Inc. Cisco, Cisco Systems, and the Cisco Systems logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. All other trademarks shown are trademarks of their respective owners.

Product and service availability is subject to change without notice.

© 2006 Scientific-Atlanta, Inc. All rights reserved.
June 2006 Printed in United States of America
Part Number 4013941 Rev A

Connecting the
Explorer® 940™ Compact
Digital-Only Set-Top



**Scientific
Atlanta**

A CISCO COMPANY

20051216PL

Welcome!

The Explorer® 940™ Set-Top receives and displays digital signals, and it delivers programs in exceptional picture and audio quality.

Through the 940 you can also access interactive services, such as video-on-demand and pay-per-view programs. Contact your cable service provider for information about these and other available services.

Use the instructions in this guide to install the 940 and to access your cable services. Then, sit back and enjoy the 940 experience!

Safety First

Before using the Explorer 940 Set-Top, read the IMPORTANT SAFETY INSTRUCTIONS section of this guide.

The Explorer eClub

The online Explorer eClub provides news and information about the 940. You can access the Explorer eClub on the Internet at the following Web address:

www.scientificatlanta.com/explorerclub

To join and access the online Explorer eClub, you must enter the model number of your set-top. The model number is located on the label on the bottom of the set-top.

Identify Your Set-Top

If the set-top requires troubleshooting in the future, your cable service provider may ask for the serial number.

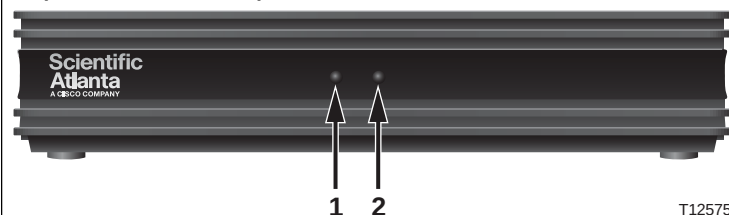
To find the serial number for your set-top, look on the back panel for a label that is similar to the example shown here. The serial number begins with "SA" and is located in the lower left corner of the bar code.

Use the space provided here to record the serial number:



Serial Number T112625

Explorer 940 Set-Top Front Panel



- | | |
|-----------------------------|--|
| 1 IR Sensor | Receives the infrared signal from the remote control. |
| 2 Power/Status Light | The power/status light is green when the set-top is ready for use. |

Watch TV

Use the Remote Control to Access Services and Programs

Press the following keys on the remote control to access cable services and programs:

- **Guide**—Display the on-screen guide of TV programming schedules and other services available from your cable service provider, such as video-on-demand and pay-per-view programs.
- **Arrows**—Highlight a program in the schedule.
- **Info**—Display the description of a specific program (either from the on-screen guide or while viewing a program).
- **Select**—Watch a specific program in the guide.

Performance Tips

If the 940 does not perform as expected, the following tips may help. If you need further assistance, contact your cable service provider.

No Picture

- Verify that the power to your TV is turned on.
- If the 940 is plugged into a wall switch, verify the wall switch is in the ON position.
Note: You should *avoid* plugging the 940 into an outlet that is controlled by a wall switch.
- Verify that all cables are properly connected.
- If your system includes a VCR or stereo, verify that you have properly connected the device to the 940.
- Verify that your TV displays the input where the set-top is connected.
- Verify that the TV is set to the proper input channel.

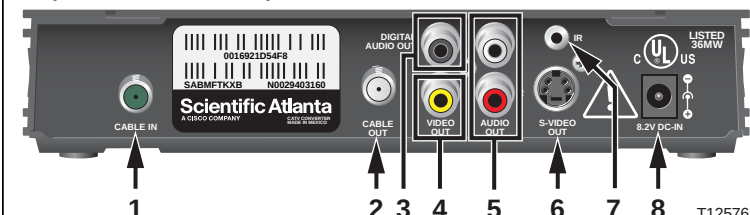
No Color

- Verify that the current TV program is broadcast in color.
- Adjust the TV color controls.

No Sound

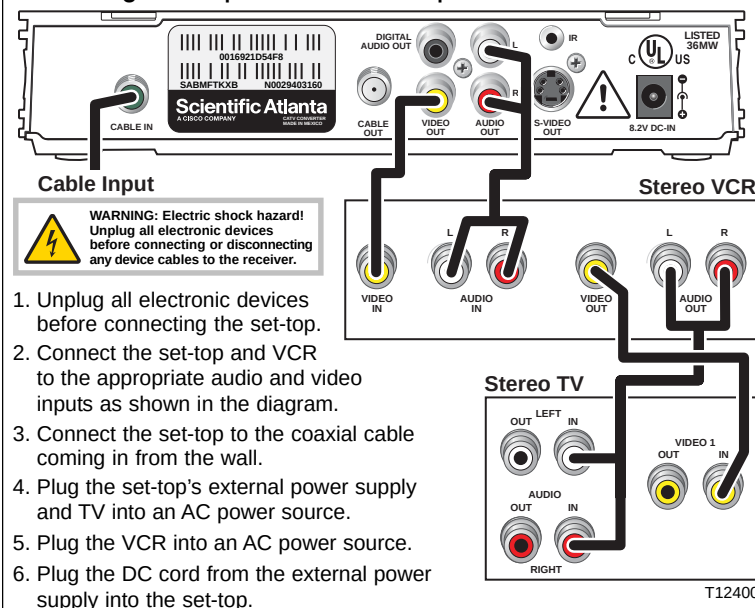
- If your setup includes a stereo, verify that you have properly connected it to the 940.
- Verify that the volume is turned up.
- Verify that the mute function is not engaged.

Explorer 940 Set-Top Back Panel



- | | |
|----------------------------|---|
| 1 Cable In | Connect the coaxial cable that delivers the signal from your cable service provider |
| 2 Cable Out | Connect a coaxial cable to Cable Out to send audio and video signals to a TV or VCR. These signals are standard definition (SD) TV video and monaural audio |
| 3 Digital Audio Out | (optional) Connect an RCA cable to send a digital audio signal to a surround-sound receiver or other digital audio device |
| 4 Video Out | Connect an RCA cable to the video input of your TV or VCR |
| 5 Audio Out | Connect RCA cables to Audio Out to send audio signals (left and right) to a stereo receiver or TV with stereo inputs |
| 6 S-Video Out | (optional) Connect an S-Video cable to send an S-video signal to your TV or VCR. This signal is standard definition but higher quality than other standard television connections |
| 7 IR | Connect an IR extender |
| 8 DC-IN | Connect the DC power supply cord to deliver power to the 940 |

Installing the Explorer 940 Set-Top



1. Unplug all electronic devices before connecting the set-top.
2. Connect the set-top and VCR to the appropriate audio and video inputs as shown in the diagram.
3. Connect the set-top to the coaxial cable coming in from the wall.
4. Plug the set-top's external power supply and TV into an AC power source.
5. Plug the VCR into an AC power source.
6. Plug the DC cord from the external power supply into the set-top.
7. For the TV to receive the signal, press the appropriate button on the remote control to select the audio/video inputs to which you have connected the 940.
8. Wait for approximately 2 to 3 minutes for the set-top to be updated with the latest programming and service information. When the green LED stops flashing, the update is complete.
9. Press the POWER key on the remote control.